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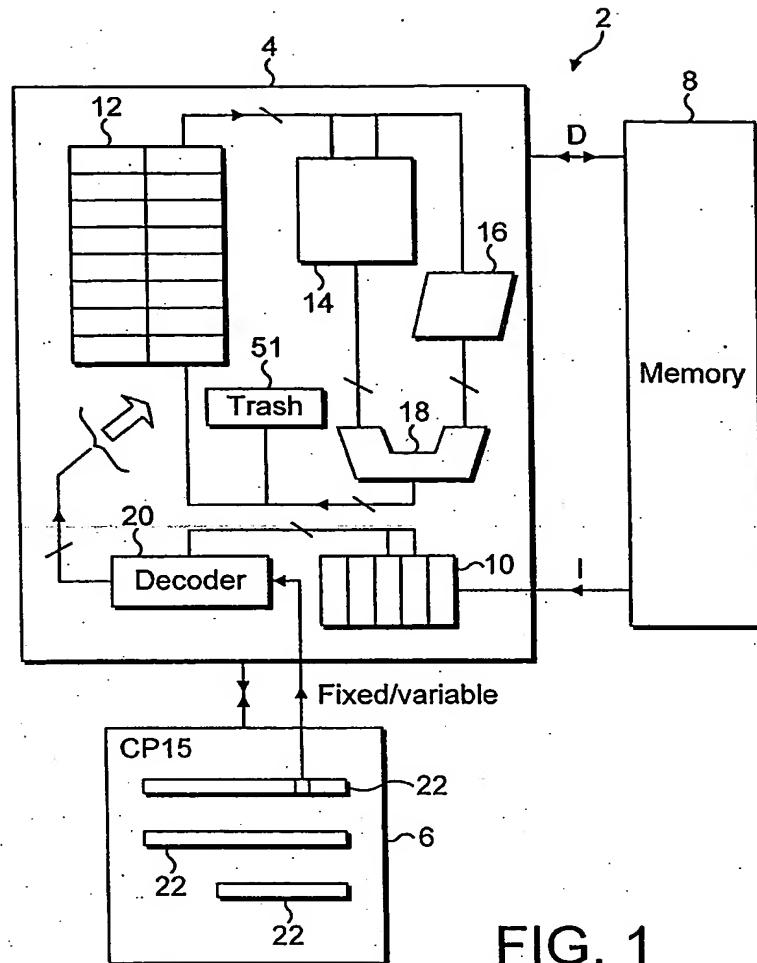
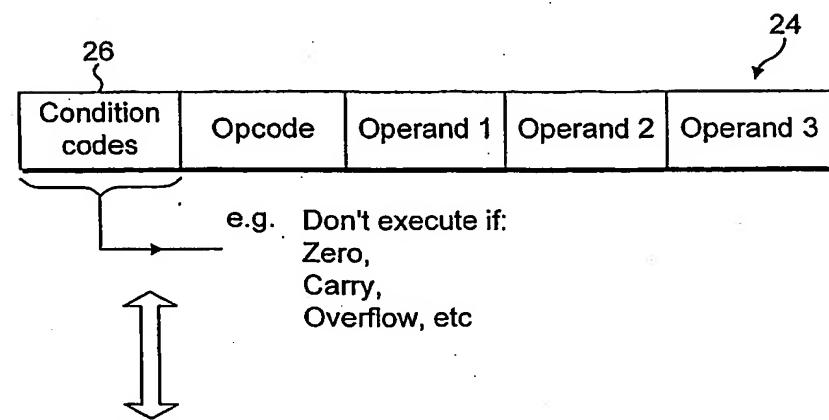
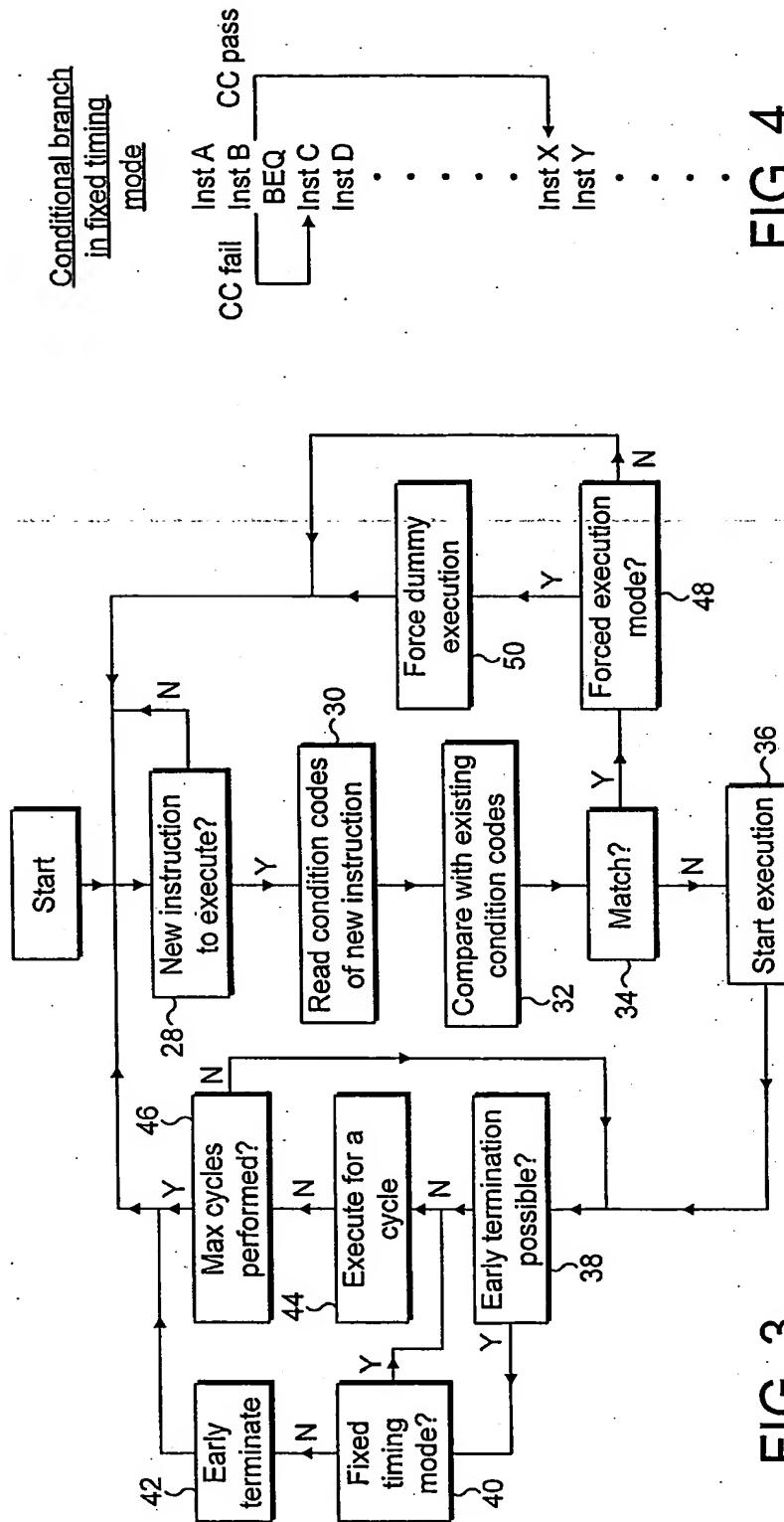


FIG. 1



Compare with condition
codes from previous
execution

FIG. 2



3
G
E

FIG. 4

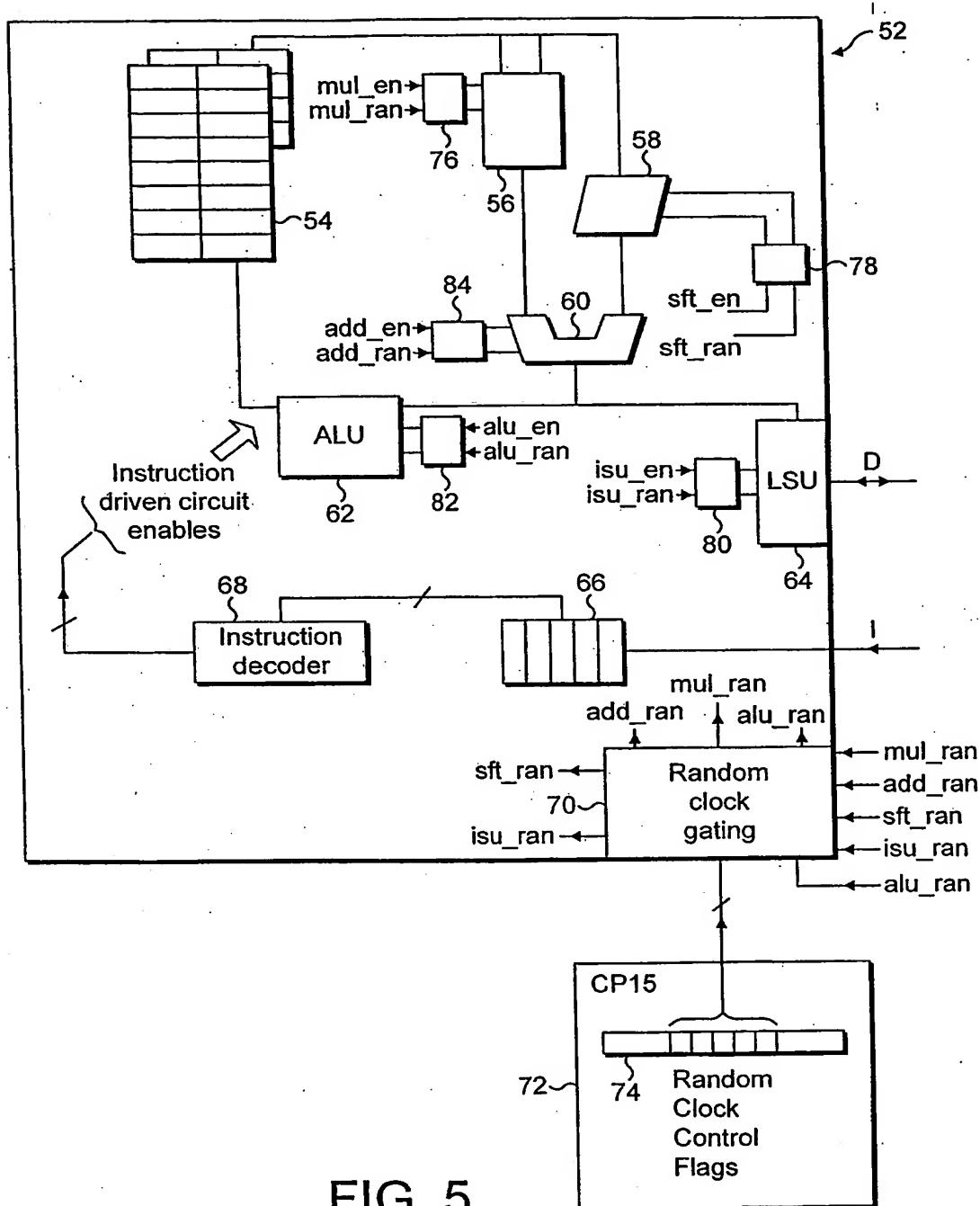


FIG. 5

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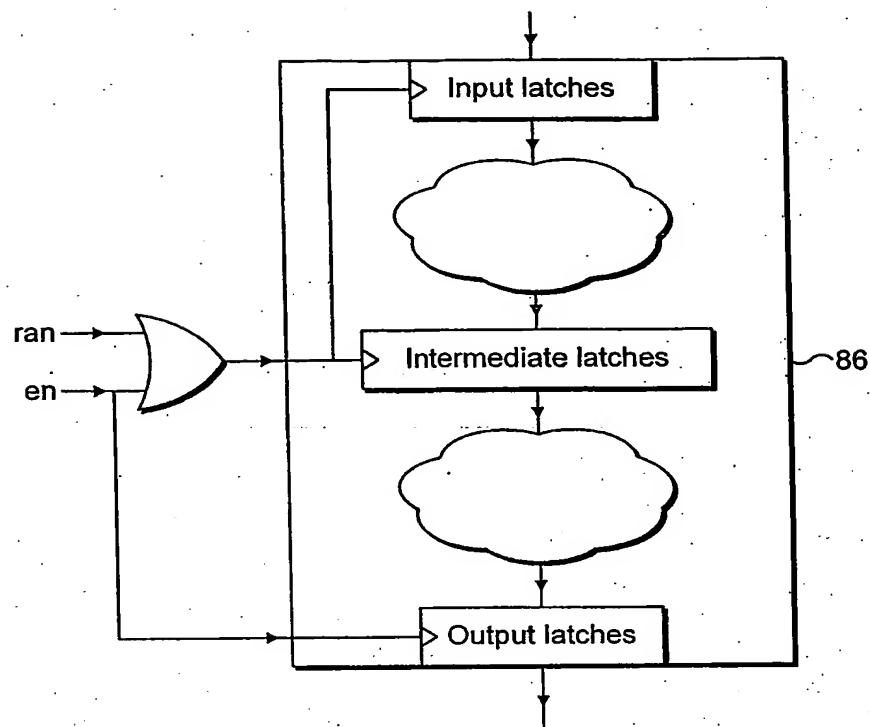


FIG. 6

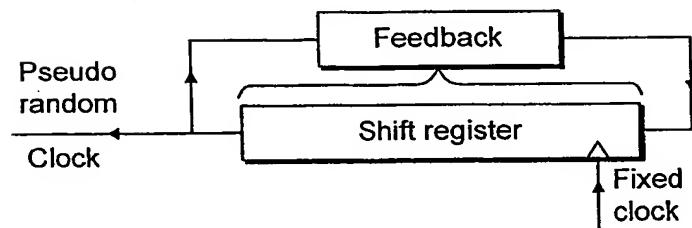


FIG. 7

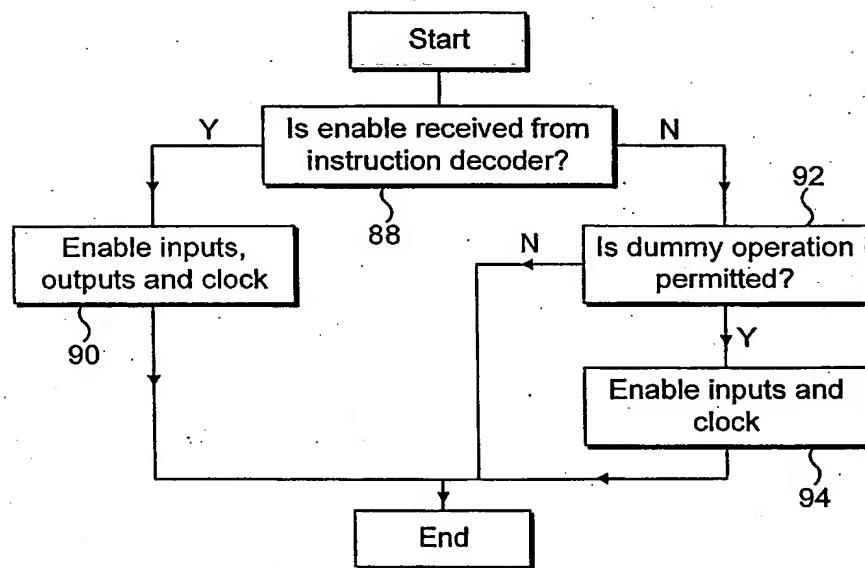
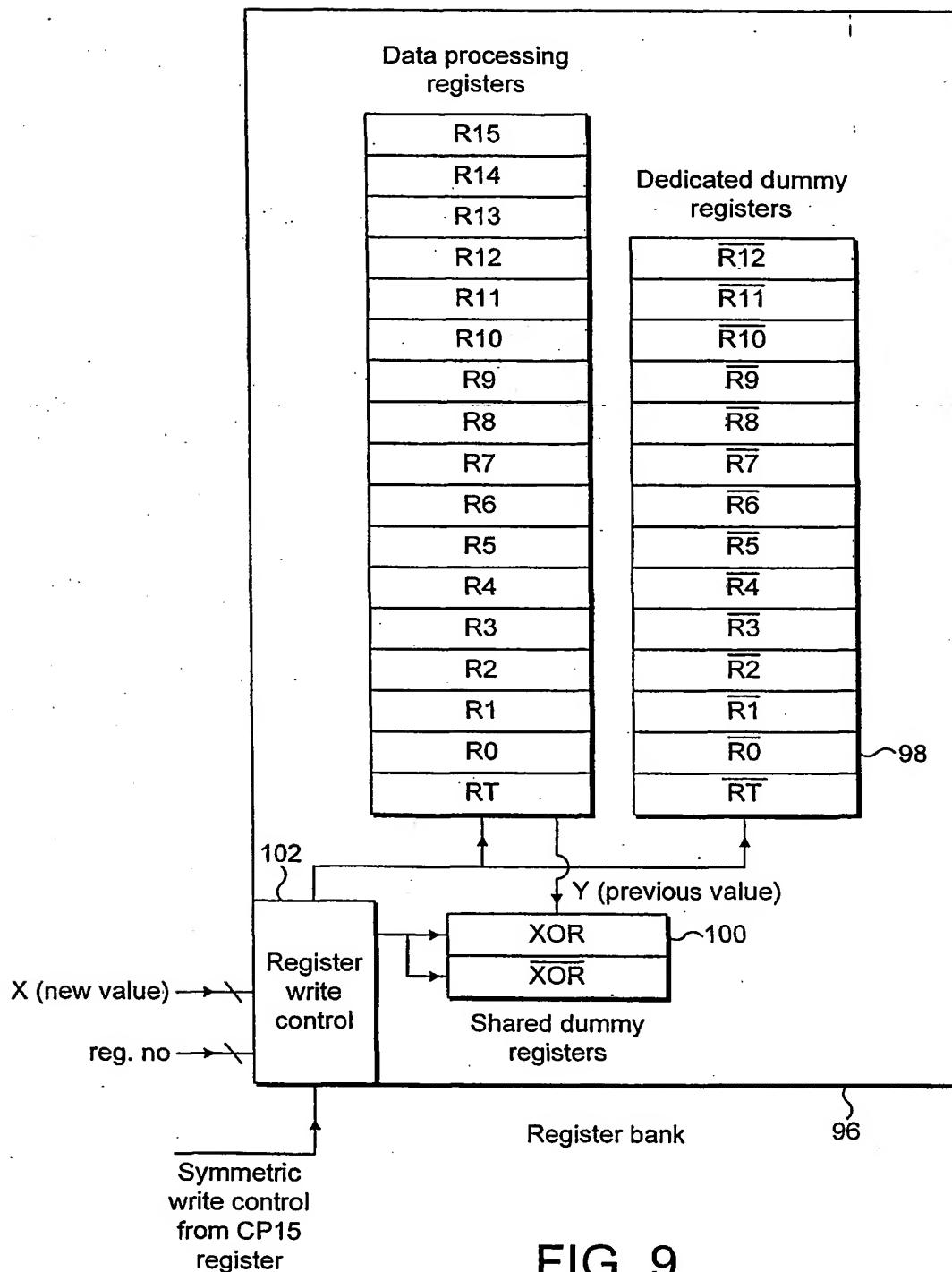


FIG. 8

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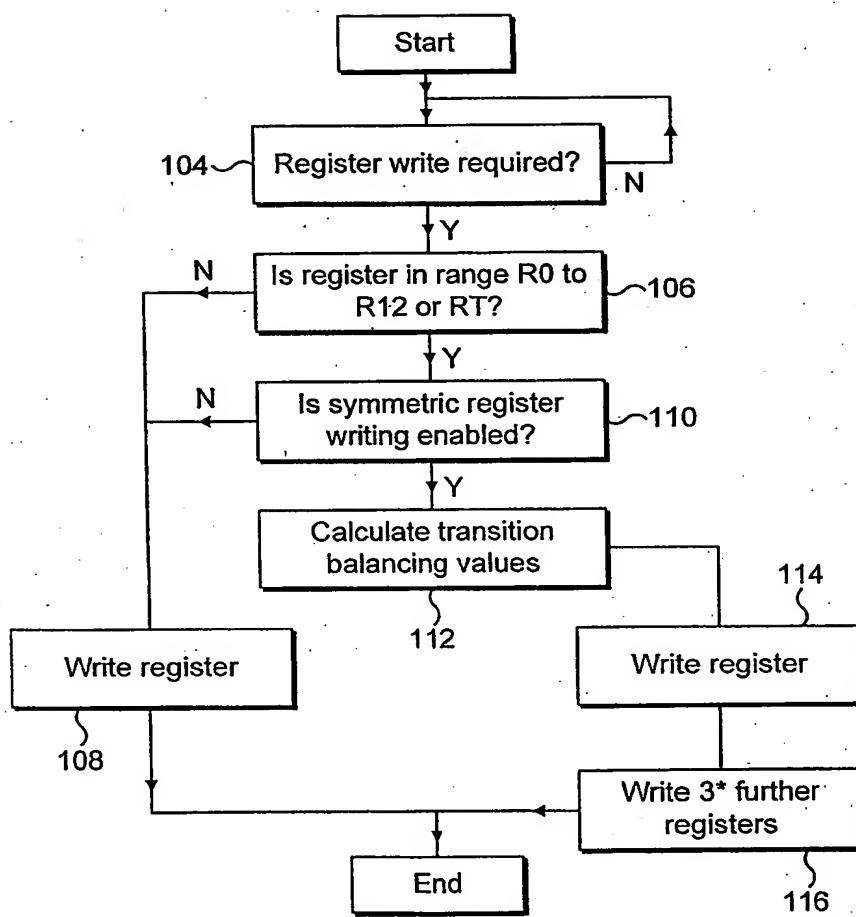


FIG. 10

		Transitions							
		$\overline{Rn[i]}$	$Rn[i]$	$\overline{Rd[i]}$	$Rd[i]$	$\overline{Rn[i+1]}$	$Rn[i+1]$	$\overline{Rd[i]}$	$Rd[i+1]$
$Rn[i]$	$Rn[i+1]$								
0	0	1	1	0	1	1	0	—	—
0	0	1	1	1	0	0	1	—	—
0	1	1	0	0	0	1	1	↑	↓
0	1	1	0	1	1	0	0	↑	↓
1	0	0	1	0	0	1	1	↓	—
1	0	0	1	1	1	0	0	↓	—
1	1	0	0	0	1	1	0	—	—
1	1	0	0	1	0	0	1	—	↑

$$Rd[i+1] = (Rn[i] \text{ XOR } Rn[i+1]) \text{ XOR } Rd[i]$$

FIG. 11

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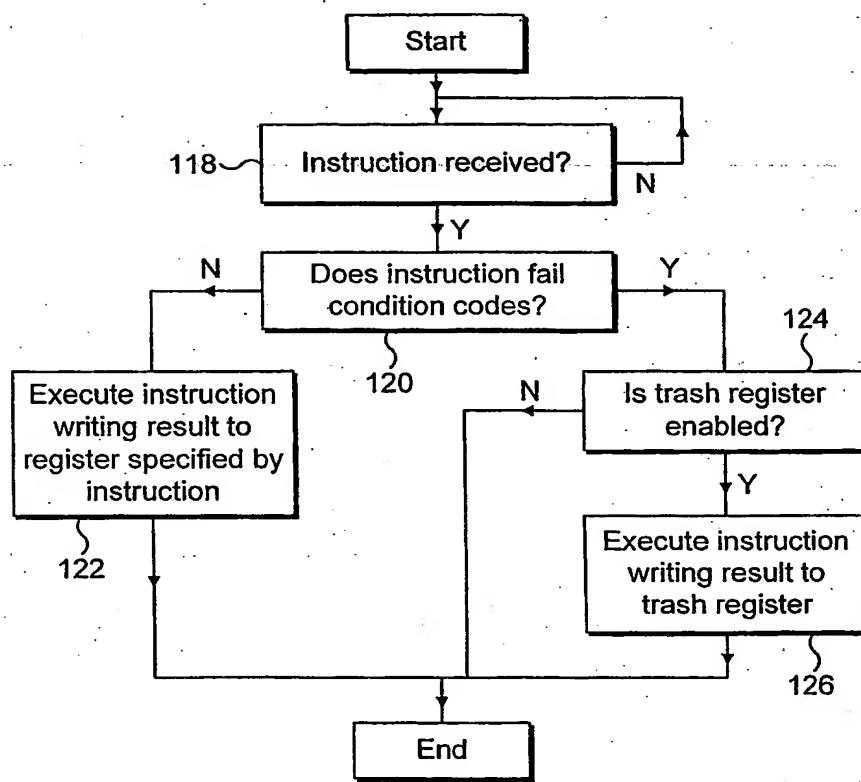


FIG. 12

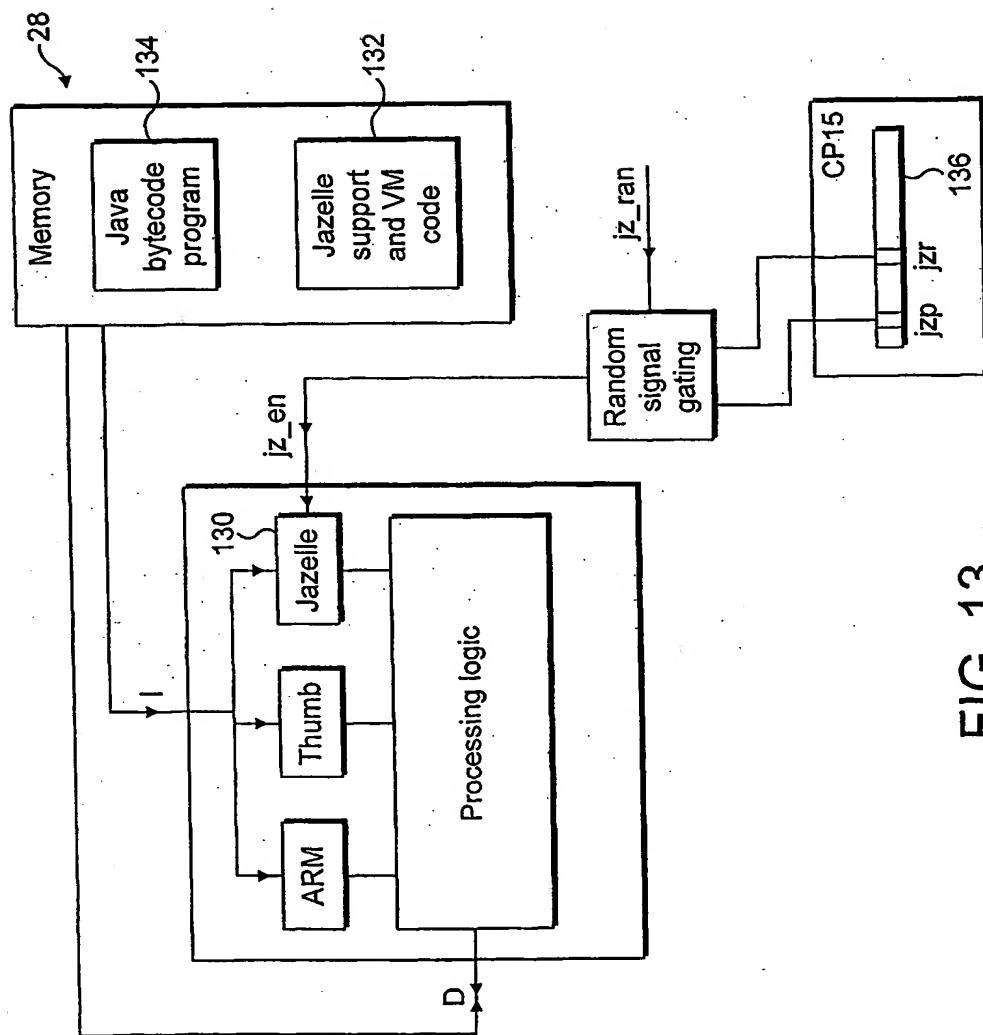


FIG. 13

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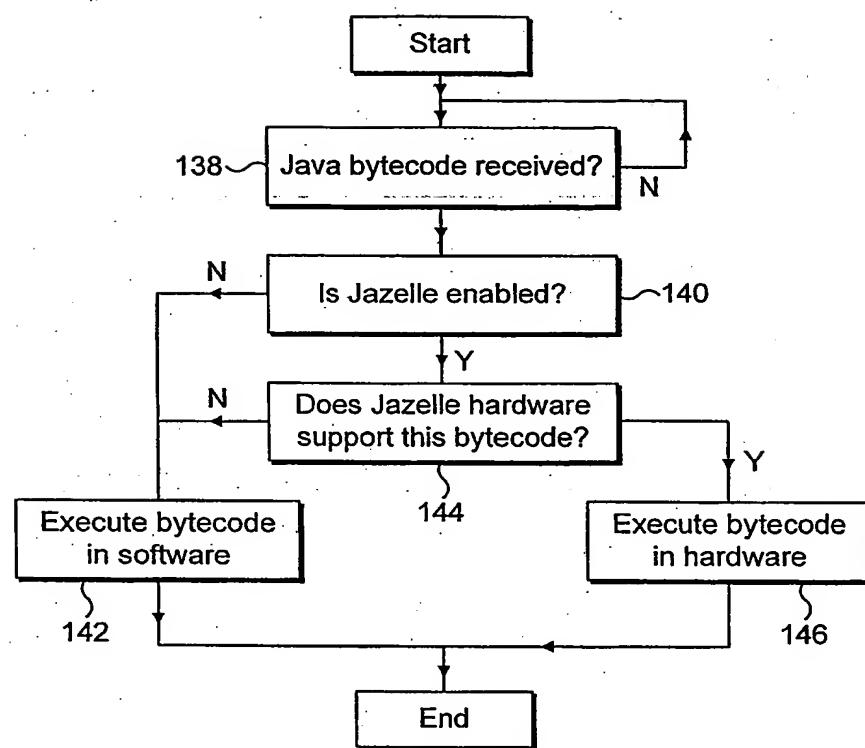


FIG. 14